Uplands Primary School and Nursery
Inspired to Achieve

2020-2021: Maths Long Term Plan Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1.1	**Number – place value** Read, write, order, round and compare numbers Negative numbers Solve number and practical problems		**Addition, subtraction, multiplication and division** Solve multi-step problems, multiply 4 x 2 digit numbers, divide 4 digit numbers by 2 digit numbers, interpret remainders as whole numbers, fractions or rounding, perform mental calculations, identify common factors and multiples and prime numbers, square and cube numbers, use knowledge of order of operations, estimate answers				**Revision and consolidation**	
1.2	**Fractions** Simplify fractions, common multiples, compare and order fractions, add and subtract fractions with different denominators, add and subtract mixed numbers, multiply and divide fractions, Calculate decimal fraction equivalents, associate fractions with division, FDP equivalence					**Geometry – position and direction** Describe positions on coordinate grid, draw, reflect and translate shapes	**Revision and consolidation**	
2.1	**Number – decimals** Identify value of digits in decimal numbers, multiply numbers with 2 dp by whole numbers, divide numbers where answer has 2 dp, solve problems where answers need to be rounded		**Number – percentages** Calculate percentages, equivalence between FDP		**Number – Algebra** Use formulae, number sequences, equations			
2.2	**Measurement** Calculate and convert units of measure, convert between miles and km, calculate area and perimeter, use formulae to calculate area and volume, calculate area of triangles and parallelograms, calculate volume of cubes and cuboids			**Number Ratio** Solve problems using relative sizes of two quantities, solve problems using scale factor and unequal sharing		**Statistics** Calculate mean, construct and interpret pie charts and line graphs		
3.1	**Geometry – properties of shapes** Identify parts of a circle, compare and classify shapes, find unknown angles, find opposite angles		**SATS Revision**	**SATs**	**Investigation**			
3.2	**PGL**	**Consolidation, investigation and preparation for KS3**					**End of Year**	

Respectful - Kind - Resilient - Brave - Motivated